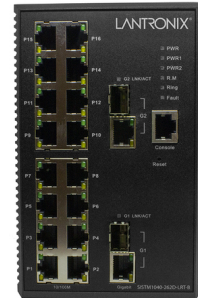


(16) 10/100Base-TX (RJ-45) ports [100 m/328 ft.] + (2) 10/100/1000Base-T (RJ-45) or (2) 100/1000Base-X SFP combo ports



## Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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(16) 10/100Base-TX (RJ-45) ports [100 m/328 ft.] + (2) 10/100/1000Base-T (RJ-45) or (2) 100/1000Base-X SFP combo ports

The SISTM1040-262D-LRT-B switch is a (16) port managed hardened switch with (2) copper ports or (2) dual speed SFP slots supporting Fast Ethernet to Gigabit Ethernet speeds. The (2) SFP slots provide the ultimate flexibility by allowing SFP fiber connections at different speeds and at a variety of communication distances. The ports can also be used in a redundant ring for maximum network reliability.

## Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Combo SFP ports support 100/1000Base-X SFPs
- Extended Operating Temperature (-40°C to +70°C)
- Dry Contact Relay Alarm Output
- Dual, Redundant, Auto-Sensing 12-48 VDC Power Inputs
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included
- PTP- Precision Timing Protocol
- RMON
- Port Based VLAN (4096)
- IEEE 802.1Q Tag VLAN
- GVRP
- Port Trunk with LACP QoS (Quality of Service)
- IEEE 802.1p Class of Service, Per port provides priority queues
- Port Based, Tag Based and Type of Service Priority
- Port Security: MAC address entries/filter
  
- IP Security: IP address security management to prevent unauthorized intruder
- Login Security: IEEE 802.1X/RADIUS Authentication IGMP Query mode for Multi-Media Application
- IGMP Multicast groups 1024
- Support O-ring and multi-ring, STP, RSTP, MSTP
- Provide redundant backup feature and recovery time below 20ms.
  
- SNMP v1 v2c, v3/Web/Telnet/CLI
- DHCP Client/DHCP Server
- TFTP Firmware Upgrade
- TFTP Configuration Backup/Restore
- IPv4/IPv6 dual-stack

(16) 10/100Base-TX (RJ-45) ports [100 m/328 ft.] + (2) 10/100/1000Base-T (RJ-45) or (2) 100/1000Base-X SFP combo ports

## Technical Data

### Standards

- IEEE 802.3
- IEEE 802.3ab
- IEEE 802.3u
- IEEE 802.1X
- IEEE 802.3ad
- IEEE 802.1d
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.3z
- IEEE 802.3x
- IEEE 802.1W
- IEEE 802.1S
- IEEE 802.1AB

### Status LEDs

- PWR 1 (Power): ON = primary power connected
- PWR 2 (Power): ON = backup power connected
- FAULT: ON = power input failure on PWR1 or PWR2
- LNK/ACT: ON = Link; FLASHING = data transmitting
- FDX/COL: ON = Full-duplex mode;
- FLASHING = collisions occurring
- RM: Ring Master

### Dimensions

- Width: 3.8" [96.4 mm]
- Depth: 4.27" [108.5 mm]
- Height: 6.06" [154 mm]

### Power Consumption

- 12 Watts

(16) 10/100Base-TX (RJ-45) ports [100 m/328 ft.] + (2) 10/100/1000Base-T (RJ-45) or (2) 100/1000Base-X SFP combo ports

## Power Input

- 12 to 48 VDC; redundant inputs with over current protection

## Ingress Protection

- IP30

## Environment

- Operating: -40°C to +70°C
- Storage: -40°C to +85°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

## Weight

- 3.85 lbs. [1.75 kg]

## Certifications

- Safety: UL EN60950-1, Class 1/Div 2, Groups A, B, C, D, ATEX, FCC Class A, CE Mark, CE EN61000-4-2, CE EN61000-4-3, CE EN-61000-4-4, CE EN61000-4-5, CE EN61000-4-6, CE EN61000-4-8, CE EN61000-6-11
- Environmental: IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

## Warranty

- Lifetime

## Product variants & accessories

| Art.-No.             | Description  |
|----------------------|--|
| SISTM1040-262D-LRT-B | (16) 10/100Base-TX (RJ-45) ports [100 m/328 ft.] + (2) 10/100/1000Base-T (RJ-45) or (2) 100/1000Base-X SFP combo ports |